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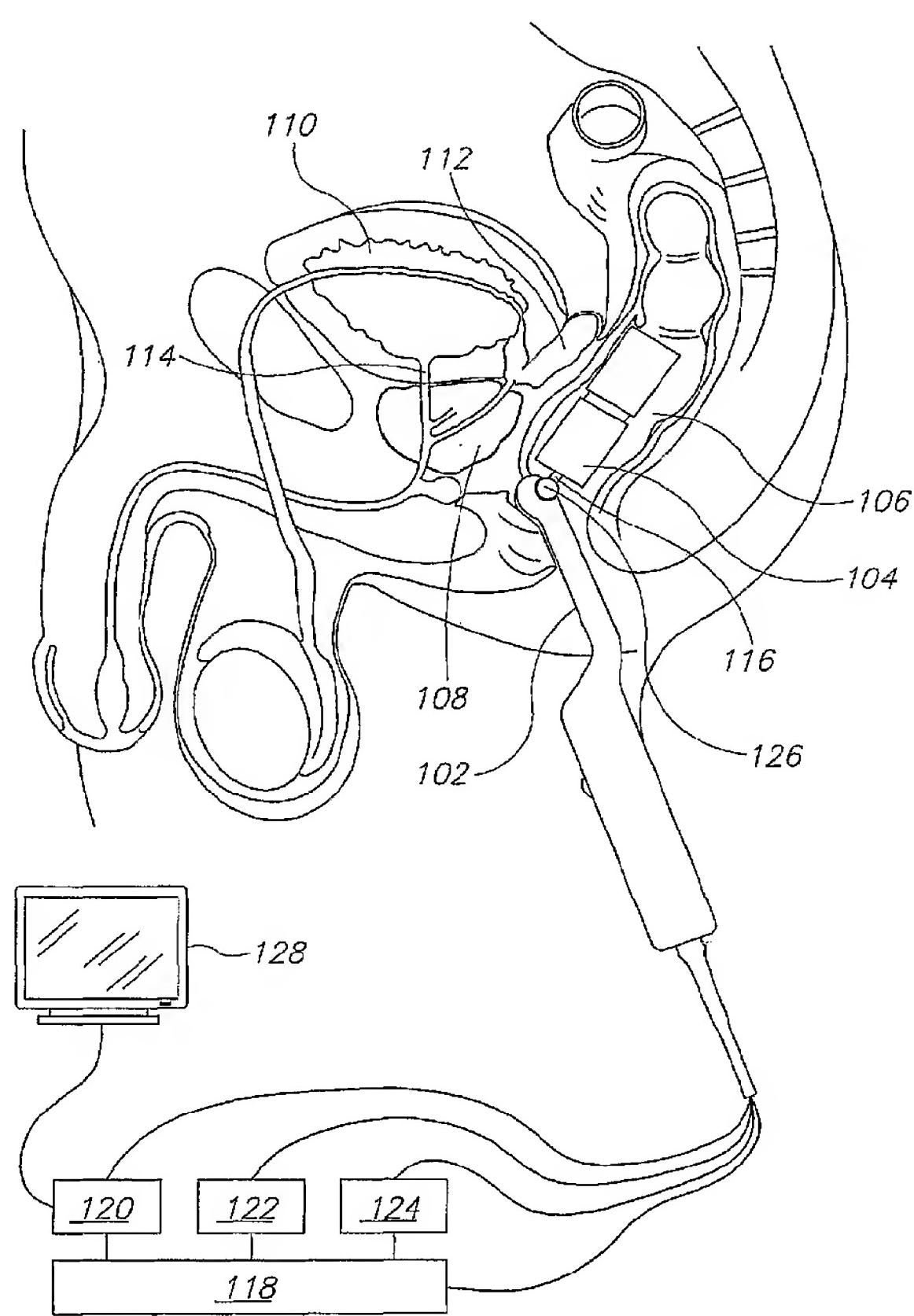
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(54) Title: MRI PROBE FOR PROSTATE IMAGING

(57) Abstract: ABSRACT A rectal probe adapted for ultrasound and magnetic resonance imaging of the prostate, comprising: a) an ultrasound imaging probe; b) an MRI probe comprising a first magnetic field source for creating a static magnetic field in an MRI imaging region outside the rectal probe, a second magnetic field source for creating a time-varying magnetic field which excites nuclei in the MRI imaging region, and a receiver for receiving NMR signals from the excited nuclei and generating MRI imaging data indicative thereof; and c) a link joining the ultrasound probe and the MRI probe.



WO 2005/067392 A2



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